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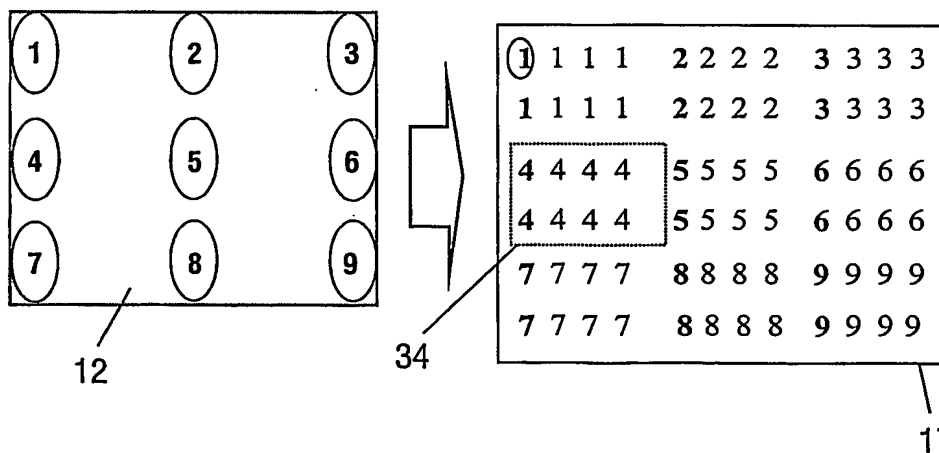
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BERGMAN, Anthonie, H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN ABELEN, Frank, A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN GORKOM, Ramon, P.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOEVENAARS, Albericus, A., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SKORIC, Boris** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER VAART, Nijs, C.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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[Continued on next page]

(54) Title: IMAGE PROJECTOR WITH A TWO-DIMENSIONAL ARRAY OF LIGHT-EMITTING UNITS



(57) Abstract: The invention relates to a method of providing images on a screen and to an image projection device. The image projection device (10) comprises at least one first set (12) of light-emitting units provided in an array including at least two lines of light-emitting units having at least two light-emitting units each, and a light-displacing unit (36) arranged to displace the light from each light-emitting unit before projection on a screen (16), such that each light-emitting unit provides a tile comprising a line including at least two pixels aligned in one direction on the screen. The light-emitting units are preferably LEDs, and in this way, an efficient display or projector that can be accommodated in a reasonably small space is provided.

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